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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/728,195	11/30/2000	Elizabeth Ann Beamon	206899	4425

36192 7590 12/10/2003

CANTOR COLBURN LLP  
55 GRIFFIN ROAD SOUTH  
BLOOMFIELD, CT 06002

EXAMINER

TRAN, QUOC DUC

ART UNIT	PAPER NUMBER
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2643

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DATE MAILED: 12/10/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/728,195

Applicant(s)

BEAMON, ELIZABETH ANN

Examiner

Quoc D Tran

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 22 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Kinser, Jr. et al (5,790,633).

Consider claim 1, Kinser, Jr. et al teach a method of managing proactive maintenance tasks for a telephone system local loop, the method comprising: storing local loop proactive maintenance tasks; and searching the tasks using at least one search criteria (col. 12 line 41 – col. 14 lines 58).

Consider claim 2, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising predicting local loop proactive maintenance tasks (col. 29 line 41 – col. 30 line 17).

Consider claim 3, Kinser, Jr. et al teach a method of managing proactive maintenance tasks wherein the at least one search criteria includes at least one of Proactive Maintenance Application number, Trouble Ticket Number, area code, status, Wire Center, district, manager, and supervisor (col. 12 line 41 – col. 14 lines 58).

Consider claim 4, Kinser, Jr. et al teach a method of managing proactive maintenance tasks wherein the at least one search criteria includes at least one of technician, date, address,

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description, technician narrative, disposition code, priority, intermediate status code, work code, authorization, cable, and line pair (col. 12 line 41 – col. 14 lines 58).

Consider claim 5, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising sorting the tasks using at least one sort criteria (col. 27 lines 15-61).

Consider claim 6, Kinser, Jr. et al teach a method of managing proactive maintenance tasks wherein the sort criteria includes at least one of Proactive Maintenance Application number, Trouble Ticket Number, area code, status, Wire Center, district, manager, and supervisor (col. 27 lines 15-61).

Consider claim 7, Kinser, Jr. et al teach a method of managing proactive maintenance tasks wherein the sort criteria includes at least one of technician, date, address, priority, status code, work code, and authorization (col. 27 lines 15-61).

Consider claim 8, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising editing the local loop proactive maintenance tasks using at least one edit criteria, the edit criteria including at least one of wire center, district, priority, date, work code, manager, supervisor, technician, maintenance center, authorization, address, and work description (col. 12 line 65 – col. 14 lines 58).

Consider claim 9, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising acquiring cable and line pair information associated with the local loop proactive maintenance tasks (col. 13 lines 30-37).

Consider claim 10, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising generating work order information describing the local loop proactive maintenance tasks (col. 14 line 59 – col. 15 line 4; col. 16 lines 32-65).

Consider claim 11, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising dispatching the local loop proactive maintenance tasks (col. 14 lines 28-67).

Consider claim 12, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising adding additional local loop proactive maintenance tasks to the stored tasks (col. 14 lines 48-64).

Consider claim 13, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising deleting stored tasks (col. 14 lines 48-64).

Consider claim 14, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising excluding stored tasks (col. 14 lines 48-64).

Consider claim 15, Kinser, jr. et al teach a method of managing proactive maintenance tasks further comprising communicating with a communications network and acquiring information associated with a Loop Maintenance Operating System (col. 13 lines 6-16).

Consider claim 16, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising searching pending proactive maintenance tasks (col. 12 line 41 – col. 14 lines 58).

Consider claim 17, Kinser, Jr. et al teach a method of managing proactive maintenance tasks further comprising generating summary reports describing the tasks (col. 14 lines 54-58).

Consider claim 18, Kinser, Jr. et al teach a system configured for predicting proactive maintenance of a telephone system local loop, the system comprising: at least one of a Dynamic Network Analyzer module and a Loop Facilities and Control System module, the Dynamic Network Analyzer module communicating with a communications network and acquiring

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information associated with a Dynamic Network Analyzer, the Loop Facilities and Control System module communicating with the communications network and acquiring information associated with a Loop Facilities and Control System (col. 29 lines 41-57; col. 34 lines 37-58; col. 50 lines 59-61); a database stored in memory, the database storing the acquired information; a processor capable of processing information stored in the database and of generating predicted proactive maintenance (col. 29 line 30 – col. 31 line 5; col. 33 line 66 – col. 47 line 41; Fig. 21-22 and 24-25); and a Utilities module for managing the predicted proactive maintenance (col. 14 lines 48-58).

Consider claim 19, Kinser, Jr. et al teach a computer program product for proactively maintaining a telephone system; comprising: a computer-readable medium; and a Utilities module stored on the medium, the Utilities module managing local loop proactive maintenance tasks (col. 14 lines 48-58).

### ***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

4. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Facsimile responses should be faxed to:

**(703) 872-9306**

Hand-delivered responses should be brought to:

Crystal Park II, 2121 Crystal Drive

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Arlington, VA., Sixth Floor (Receptionist)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Quoc Tran** whose telephone number is **(703) 306-5643**. The examiner can normally be reached on Monday-Thursday from 8:00 to 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Curtis Kuntz**, can be reached on **(703) 305-4708**.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Technology Center 2600** whose telephone number is **(703) 306-0377**.



Quoc D. Tran  
Patent Examiner AU 2643  
December 6, 2003